

Name: _____

Date: _____

Percent Change/Interest Practice Quiz

Part One: Percent Change: Calculate the percent change for each situation. Round to the nearest hundredth, if necessary.

$$\frac{\text{New} - \text{Original}}{\text{Original}} \times 100$$

1. A crocodile grows from 0.5 feet as a baby to 13 feet as an adult.

2. Yasmine brings \$30 to the summer festival and, after buying some food and riding a few rides, leaves with \$12.

3. The price of a swimsuit was \$55 in June and priced down to \$20 in September.

4. The Avengers Club has twenty members in its first week and twenty-two members in its second week.

Simple Interest: Please answer each question. Round to the nearest cent, if necessary.

$$I = prt$$

$$\text{Total} = I + p$$

5. How much INTEREST will you owe after three weeks if you borrow \$5 from your friend who charges you 2% simple interest each week?

6. How much INTEREST will you earn in one year if you deposit \$4,500 into a bank account that gives you 3% simple interest monthly?

7. Larry takes out a loan of \$1,000. His bank charges 12% simple interest each month. What is the TOTAL AMOUNT he will owe after six months?

8. Marlana buys a sweater for \$58 and charges it on her credit card. The credit card charges 22% monthly interest. If she does not make any payments, what is the TOTAL AMOUNT she will owe for the sweater after eight months?